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- computing the derivative with respect to time of the measured instantaneous power, and
 - regulating said voltage according to said computed derivative.
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8. (Amended) The circuit of claim 6, wherein said sensor (15, 17, 19, 21, 23) detects state change in signals output by said unit.

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9. (Amended) A combination of a circuit according to claim 6 with a voltage regulator (25), said voltage regulator being connected to said circuit and receiving the power consumption computed by power calculation unit (25).

Please add the following new claims:

10. (New) The process of claim 3, wherein the step of computing comprises:

- weighting the power consumption sensed in said units; and
- adding the weight power consumption of said units.

11. (New) The process of claim 2, wherein said step of regulating comprises:

- computing the derivative with respect to time of the measured instantaneous power, and
- regulating said voltage according to said computed derivative.

12. (New) The process of claim 3, wherein said step of regulating comprises:

- computing the derivative with respect to time of the measured instantaneous power, and
- regulating said voltage according to said computed derivative.

13. (New) The process of claim 4, wherein said step of regulating comprises:

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- computing the derivative with respect to time of the measured instantaneous power, and
- regulating said voltage according to said computed derivative.

14. (New) The circuit of claim 7, wherein said sensor (15, 17, 19, 21, 23) detects state change in signals output by said unit.

15. (New) A combination of a circuit according to claim 7 with a voltage regulator (25), said voltage regulator being connected to said circuit and receiving the power consumption computed by power calculation unit (25).

16. (New) A combination of a circuit according to claim 8 with a voltage regulator (25), said voltage regulator being connected to said circuit and receiving the power consumption computed by power calculation unit (25).

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